Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Selene Holdings LP**
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Submitted By:	Jean-Pierre Londero
Receiving Lab:	Canada-Vancouver
Received:	August 04, 2011
Report Date:	February 21, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN11004149.2

CLIENT JOB INFORMATION

Project:	JP Ross
Shipment ID:	JR00472011
P.O. Number	
Number of Samples:	162

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
DISP-RJT	Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	162	Dry at 60C			VAN
SS80	162	Dry at 60C sieve 100g to -80 mesh			VAN
RJSV	162	Saving all or part of Soil Reject			VAN
1F02	162	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Revised Sample ID's

Invoice To: Selene Holdings LP
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8
Canada

CC: Keith Fowlow

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196249	Sediment	0.35	6.71	8.79	33.8	30	9.0	6.7	261	1.74	3.7	0.3	1.2	1.7	15.6	0.07	0.16	0.07	38	0.45	0.084
CAG196250	Sediment	1.04	13.43	10.01	60.2	111	20.7	7.5	255	2.41	5.2	0.7	3.7	4.2	12.5	0.11	0.15	0.16	62	0.30	0.105
CAG196251	Sediment	0.64	7.75	8.14	44.3	59	10.5	7.2	229	2.12	7.7	0.4	3.7	2.0	14.4	0.09	0.14	0.22	48	0.42	0.092
CAG196252	Sediment	0.76	10.73	8.63	57.0	67	14.6	9.1	300	2.66	7.9	0.7	6.8	2.7	23.3	0.13	0.24	0.22	59	0.44	0.092
CAG196347	Sediment	1.32	24.38	9.29	60.4	110	57.7	11.6	411	2.58	13.9	0.6	16.8	2.4	19.2	0.11	0.40	0.08	71	0.45	0.132
CAG196348	Sediment	0.95	16.66	9.45	54.3	58	31.6	9.6	294	2.41	11.1	0.6	38.0	3.0	20.4	0.12	0.43	0.07	57	0.46	0.135
CAG196349	Sediment	0.90	18.84	8.70	54.2	59	26.6	9.3	290	2.25	8.6	0.7	1.4	3.1	21.8	0.16	0.42	0.08	55	0.48	0.128
CAG196350	Sediment	1.07	19.02	10.38	58.6	71	35.7	9.6	272	2.79	6.4	0.7	0.8	2.8	20.1	0.15	0.24	0.08	64	0.46	0.136
CAG196406	Sediment	0.34	5.92	5.26	27.2	22	9.3	6.0	167	1.52	3.8	0.2	1.4	1.6	14.3	0.06	0.17	0.04	34	0.38	0.064
CAG196407	Sediment	0.18	5.26	4.36	24.8	16	7.1	6.4	199	1.58	2.0	0.2	0.5	1.3	19.2	0.05	0.11	0.03	34	0.60	0.085
CAG196408	Sediment	0.21	4.67	4.31	22.9	13	6.6	5.5	180	1.52	2.2	0.2	0.2	1.5	17.2	0.04	0.12	0.03	32	0.56	0.081
CAG196409	Sediment	0.49	7.41	6.98	33.5	35	7.1	6.8	241	2.01	3.0	1.0	14.4	2.3	17.5	0.06	0.14	0.05	36	0.43	0.083
CAG196410	Sediment	0.58	6.18	9.55	34.9	26	8.1	7.3	277	1.96	3.9	0.7	2.9	2.5	19.2	0.07	0.17	0.05	35	0.43	0.089
CAG196411	Sediment	1.92	8.28	7.11	56.7	41	10.7	11.2	803	2.89	6.0	0.9	<0.2	2.1	25.4	0.22	0.13	0.06	49	0.58	0.121
CAG196412	Sediment	1.44	11.80	11.00	61.1	74	14.2	12.0	689	2.39	4.4	1.1	0.8	2.5	31.9	0.16	0.18	0.06	49	0.59	0.106
CAG196413	Sediment	0.64	5.33	3.13	27.0	21	6.3	7.4	362	2.02	5.0	0.2	8.0	1.5	13.4	0.07	0.10	0.02	31	0.52	0.106
CAG196414	Sediment	0.30	7.26	4.72	29.8	28	8.9	6.4	177	1.51	2.5	0.2	2.1	1.2	19.4	0.07	0.13	0.05	35	0.53	0.089
CAG196415	Sediment	0.28	6.31	4.65	31.4	32	8.5	6.3	193	1.45	2.0	0.4	41.0	2.2	15.7	0.06	0.10	0.04	30	0.47	0.094
CAG196416	Sediment	0.30	10.76	5.68	43.2	37	12.7	7.7	194	1.58	2.1	0.5	4.1	2.3	24.3	0.09	0.17	0.05	34	0.55	0.091
CAG196417	Sediment	0.54	11.72	6.02	41.8	44	14.6	7.8	257	1.81	4.9	0.6	10.6	3.0	25.2	0.13	0.34	0.08	40	0.60	0.111
CAG196418	Sediment	3.11	14.13	12.52	74.3	97	16.0	9.3	575	2.11	3.5	1.2	4.9	3.5	28.8	0.27	0.15	0.07	48	0.53	0.136
CAG196419	Sediment	0.46	9.53	4.93	37.4	34	11.9	6.6	200	1.51	3.6	0.5	9.4	2.7	22.1	0.08	0.24	0.05	33	0.54	0.104
CAG196420	Sediment	0.78	9.76	8.50	38.2	42	11.1	6.6	193	1.66	3.3	0.5	3.4	2.9	21.6	0.11	0.22	0.05	37	0.49	0.113
CAG196421	Sediment	1.21	10.51	12.69	43.4	49	10.8	8.1	345	1.91	4.5	0.6	3.5	2.7	22.7	0.09	0.22	0.06	39	0.48	0.099
CAG196422	Sediment	0.95	12.39	7.17	50.5	46	14.7	8.9	256	1.99	4.3	0.6	7.6	3.0	24.3	0.10	0.27	0.06	42	0.49	0.097
CAG196423	Sediment	0.23	12.61	8.00	62.3	59	19.8	13.9	384	2.59	4.2	0.2	1.1	1.0	30.6	0.07	0.16	0.04	63	0.57	0.088
CAG196424	Sediment	0.93	9.80	12.11	55.9	41	12.9	10.8	456	2.43	5.7	0.5	0.3	2.4	38.5	0.05	0.27	0.19	50	0.44	0.107
CAG196425	Sediment	0.22	9.31	9.46	57.7	35	20.3	14.3	645	2.51	3.7	0.2	0.6	0.8	31.7	0.07	0.14	0.02	61	0.50	0.100
CAG196426	Sediment	0.48	9.14	10.01	45.1	35	13.9	8.8	344	2.24	4.7	0.4	4.7	2.4	38.2	0.07	0.24	0.08	51	0.50	0.102
CAG196427	Sediment	0.48	9.03	7.62	44.4	34	13.6	9.1	358	2.25	4.7	0.4	19.7	2.5	38.1	0.06	0.24	0.16	50	0.49	0.100

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196249	Sediment	5.6	14.7	0.38	94.4	0.042	<1	0.92	0.023	0.07	0.1	2.2	0.04	<0.02	<5	0.3	0.02	2.7
CAG196250	Sediment	15.0	35.4	0.67	168.2	0.065	1	1.50	0.007	0.23	0.1	3.2	0.11	<0.02	15	<0.1	0.04	5.9
CAG196251	Sediment	8.8	17.1	0.55	122.2	0.056	1	1.42	0.023	0.12	<0.1	3.6	0.07	<0.02	13	<0.1	0.03	4.9
CAG196252	Sediment	10.4	23.0	0.59	171.2	0.061	<1	1.48	0.022	0.12	0.2	3.6	0.07	<0.02	19	0.1	0.05	4.6
CAG196347	Sediment	11.0	97.2	0.95	331.1	0.098	<1	1.55	0.008	0.22	0.1	4.3	0.10	0.03	21	0.5	0.03	5.6
CAG196348	Sediment	11.6	49.5	0.61	236.6	0.072	2	1.16	0.013	0.13	0.5	3.0	0.06	<0.02	9	0.3	<0.02	4.0
CAG196349	Sediment	12.4	38.8	0.52	200.5	0.072	2	1.09	0.013	0.10	0.5	2.9	0.05	0.02	29	0.3	<0.02	3.9
CAG196350	Sediment	11.8	52.3	0.66	252.8	0.078	<1	1.32	0.013	0.13	0.2	3.1	0.07	0.03	22	0.3	0.03	4.5
CAG196406	Sediment	5.6	19.4	0.37	72.2	0.048	<1	0.92	0.020	0.03	0.3	2.4	0.02	<0.02	12	<0.1	<0.02	2.7
CAG196407	Sediment	3.9	15.1	0.37	60.9	0.047	<1	0.98	0.030	0.03	0.1	3.2	<0.02	<0.02	5	<0.1	<0.02	2.7
CAG196408	Sediment	3.7	14.0	0.37	54.8	0.047	<1	0.92	0.030	0.04	<0.1	3.0	<0.02	<0.02	<5	<0.1	<0.02	2.7
CAG196409	Sediment	8.5	13.4	0.39	146.3	0.069	<1	1.15	0.014	0.13	<0.1	2.5	0.05	<0.02	10	0.1	<0.02	3.6
CAG196410	Sediment	7.7	13.5	0.38	104.7	0.054	<1	0.99	0.019	0.08	0.2	2.5	0.03	<0.02	9	<0.1	<0.02	3.2
CAG196411	Sediment	6.2	15.2	0.57	147.6	0.074	<1	1.18	0.031	0.12	0.2	3.1	0.04	<0.02	<5	0.2	<0.02	3.4
CAG196412	Sediment	8.5	19.6	0.62	189.6	0.075	1	1.33	0.026	0.14	0.1	3.0	0.06	0.02	10	0.2	<0.02	4.0
CAG196413	Sediment	3.9	11.1	0.36	64.3	0.040	<1	0.76	0.025	0.07	<0.1	2.1	<0.02	<0.02	<5	<0.1	<0.02	2.2
CAG196414	Sediment	4.4	16.0	0.42	70.8	0.046	<1	0.97	0.026	0.04	0.2	2.7	<0.02	<0.02	<5	<0.1	<0.02	3.0
CAG196415	Sediment	6.0	15.7	0.40	79.7	0.049	<1	0.90	0.018	0.10	0.1	2.3	0.04	<0.02	<5	<0.1	<0.02	2.8
CAG196416	Sediment	8.6	18.8	0.48	122.7	0.064	<1	1.04	0.022	0.08	0.2	2.9	0.04	<0.02	12	0.2	<0.02	3.3
CAG196417	Sediment	10.7	20.9	0.46	166.9	0.064	1	0.92	0.020	0.07	0.6	2.4	0.04	<0.02	23	0.2	0.03	3.0
CAG196418	Sediment	11.6	17.5	0.58	247.7	0.082	<1	1.18	0.011	0.26	0.3	2.5	0.11	0.05	12	0.4	0.03	3.8
CAG196419	Sediment	9.4	17.0	0.40	135.2	0.056	<1	0.85	0.018	0.06	0.3	2.2	0.03	<0.02	9	0.1	<0.02	2.8
CAG196420	Sediment	9.4	16.6	0.43	144.0	0.061	<1	0.90	0.018	0.10	0.5	2.2	0.04	<0.02	18	0.1	<0.02	2.8
CAG196421	Sediment	8.6	15.5	0.47	160.8	0.069	<1	0.98	0.018	0.14	0.2	2.4	0.06	<0.02	<5	0.2	<0.02	3.0
CAG196422	Sediment	10.5	19.5	0.50	168.4	0.077	<1	1.09	0.019	0.12	0.2	2.4	0.06	<0.02	12	0.2	0.02	3.4
CAG196423	Sediment	4.7	34.0	1.50	201.3	0.135	<1	1.73	0.007	0.41	0.1	3.2	0.09	<0.02	15	0.2	0.03	5.4
CAG196424	Sediment	7.2	21.9	0.97	115.4	0.093	1	1.14	0.006	0.30	0.1	3.5	0.09	<0.02	12	0.2	<0.02	4.1
CAG196425	Sediment	3.3	32.5	1.48	202.8	0.135	<1	1.58	0.009	0.57	<0.1	3.1	0.10	<0.02	<5	0.1	<0.02	5.0
CAG196426	Sediment	7.2	30.4	0.75	112.7	0.084	2	0.96	0.008	0.18	0.3	2.7	0.06	<0.02	31	<0.1	<0.02	3.3
CAG196427	Sediment	7.0	28.5	0.77	116.6	0.083	<1	0.99	0.009	0.18	0.3	2.7	0.05	<0.02	5	<0.1	<0.02	3.4

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196428	Sediment	0.52	9.74	11.74	49.9	36	13.5	9.4	376	2.03	4.8	0.4	0.7	2.3	37.7	0.07	0.24	0.06	43	0.44	0.082
CAG196429	Sediment	0.44	8.88	9.14	44.7	28	11.7	8.3	454	2.09	4.2	0.4	0.5	2.3	33.7	0.07	0.20	0.08	45	0.42	0.088
CAG196430	Sediment	0.28	10.59	8.45	57.3	40	9.9	12.0	838	2.21	3.1	0.2	4.1	1.9	22.0	0.06	0.13	0.06	51	0.38	0.077
CAG196431	Sediment	0.33	10.80	8.29	56.8	45	9.8	10.7	726	2.07	4.1	0.3	6.8	2.1	19.3	0.08	0.13	0.04	44	0.35	0.078
CAG196432	Sediment	0.32	10.87	7.66	53.6	40	9.7	9.5	582	1.99	3.0	0.3	0.9	1.7	24.6	0.06	0.12	0.04	46	0.41	0.084
CAG196433	Sediment	0.23	8.49	7.26	46.8	29	9.2	9.5	427	1.99	3.0	0.2	6.4	1.6	19.7	0.05	0.09	0.03	45	0.39	0.088
CAG196434	Sediment	0.30	11.09	10.08	51.8	35	10.4	9.7	423	1.90	4.3	0.4	2.6	1.9	19.7	0.12	0.20	0.07	43	0.41	0.085
CAG196435	Sediment	0.22	8.55	8.05	44.0	41	10.7	7.8	320	1.90	3.8	0.3	13.1	2.0	20.3	0.09	0.17	0.05	41	0.45	0.092
CAG196436	Sediment	0.14	7.73	7.55	46.5	39	10.6	7.0	200	1.49	2.7	0.4	1.4	2.3	20.8	0.08	0.16	0.04	33	0.46	0.092
CAG196437	Sediment	0.34	10.60	11.56	55.1	57	11.9	8.5	658	1.95	4.8	0.7	1.2	2.3	25.3	0.15	0.21	0.05	36	0.59	0.083
CAG196438	Sediment	0.43	10.80	9.42	47.2	49	11.8	8.0	502	1.94	6.3	0.5	0.7	2.8	23.6	0.15	0.25	0.06	38	0.49	0.072
CAG196439	Sediment	0.78	6.04	11.12	40.2	57	5.7	5.1	224	1.71	4.5	0.7	29.1	5.5	12.0	0.12	0.12	0.06	31	0.26	0.060
CAG196440	Sediment	0.65	5.50	14.15	46.3	38	5.2	5.5	265	1.72	2.9	0.7	15.0	6.7	11.8	0.09	0.10	0.05	30	0.28	0.073
CAG196441	Sediment	1.15	12.73	6.48	64.9	54	6.5	9.5	448	2.42	2.3	1.1	0.8	5.1	20.1	0.08	0.10	0.05	50	0.40	0.069
CAG196442	Sediment	0.59	5.35	14.86	39.9	29	4.8	5.9	254	1.60	2.6	0.7	0.9	6.2	11.3	0.09	0.08	0.04	30	0.28	0.069
CAG196443	Sediment	0.65	7.98	7.12	42.9	27	5.3	7.1	276	1.83	2.4	0.7	0.8	4.8	17.1	0.09	0.11	0.49	40	0.40	0.092
CAG196444	Sediment	0.76	8.04	9.55	47.5	46	5.4	7.9	317	2.11	3.2	0.6	75.6	5.5	17.0	0.09	0.12	0.05	41	0.40	0.089
CAG196445	Sediment	0.81	11.14	10.54	51.8	98	7.1	9.1	589	2.29	4.4	0.9	232.8	5.5	15.9	0.12	0.12	0.07	44	0.41	0.088
CAG196446	Sediment	0.76	8.43	8.82	48.4	30	5.8	8.5	383	2.19	3.8	0.7	0.7	5.9	15.2	0.09	0.11	0.05	41	0.38	0.089
CAG196447	Sediment	0.75	8.62	12.46	42.8	47	5.4	7.7	392	1.92	3.6	0.6	106.4	5.1	15.4	0.08	0.10	0.05	37	0.37	0.082
CAG196448	Sediment	0.74	8.13	11.10	44.1	28	6.4	7.4	432	1.95	3.5	0.7	7.0	5.0	16.0	0.12	0.12	0.07	38	0.37	0.078
CAG196449	Sediment	0.32	12.71	7.74	49.3	53	8.3	9.9	399	1.98	3.9	0.3	1.5	1.4	26.7	0.10	0.14	0.05	47	0.41	0.079
CAG196450	Sediment	0.23	14.09	7.58	51.2	29	10.5	11.6	321	2.16	3.2	0.2	1.2	1.1	46.4	0.07	0.15	0.03	55	0.46	0.082
CAG196451	Sediment	1.14	17.79	13.19	55.3	67	30.3	12.3	649	2.76	11.2	0.7	1.2	2.7	16.8	0.17	0.32	0.06	68	0.45	0.136
CAG196452	Sediment	1.45	21.93	17.73	63.8	97	34.2	11.1	346	3.18	13.2	0.8	8.8	2.9	18.8	0.13	0.38	0.09	72	0.43	0.139
CAG196453	Sediment	2.27	10.87	15.39	51.5	222	10.7	8.6	297	2.11	4.1	0.7	637.9	4.1	12.5	0.17	0.17	0.10	55	0.30	0.085
CAG196454	Sediment	0.79	18.19	10.14	56.1	104	28.1	8.9	271	2.14	5.1	0.8	59.5	3.0	23.4	0.13	0.24	0.06	51	0.46	0.112
CAG196455	Sediment	3.39	26.40	29.33	75.0	238	41.0	16.1	1419	2.81	10.7	1.1	36.8	3.6	29.6	0.23	0.23	0.09	70	0.46	0.122
CAG196456	Sediment	1.15	18.59	16.35	59.8	84	27.1	11.0	623	2.23	5.3	0.9	3.2	3.6	26.3	0.15	0.24	0.06	54	0.46	0.101
CAG196457	Sediment	0.55	10.75	11.83	59.6	49	12.5	11.4	454	2.64	3.2	0.6	1.1	4.6	27.7	0.09	0.16	0.08	41	0.61	0.128

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Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196428	Sediment	6.9	21.0	0.75	115.9	0.074	2	0.97	0.009	0.18	0.2	2.4	0.06	<0.02	8	0.1	<0.02	3.4
CAG196429	Sediment	7.1	23.8	0.67	111.8	0.070	<1	0.93	0.008	0.16	0.8	2.2	0.05	<0.02	9	0.2	<0.02	3.3
CAG196430	Sediment	6.7	20.7	0.94	241.0	0.113	<1	1.25	0.005	0.25	<0.1	2.8	0.06	<0.02	7	0.1	<0.02	4.4
CAG196431	Sediment	6.8	20.4	0.87	204.4	0.103	<1	1.18	0.004	0.27	<0.1	2.6	0.09	<0.02	8	0.1	<0.02	4.3
CAG196432	Sediment	6.5	20.9	0.84	236.5	0.101	<1	1.17	0.005	0.26	<0.1	2.6	0.08	<0.02	12	0.1	<0.02	4.1
CAG196433	Sediment	5.9	20.4	0.94	194.9	0.105	<1	1.14	0.004	0.35	<0.1	2.9	0.08	<0.02	<5	<0.1	<0.02	4.0
CAG196434	Sediment	6.7	20.2	0.85	214.1	0.099	<1	1.08	0.006	0.24	0.1	2.4	0.08	<0.02	5	<0.1	0.04	3.7
CAG196435	Sediment	6.8	20.3	0.67	144.0	0.075	<1	0.96	0.008	0.13	0.4	2.2	0.05	<0.02	15	<0.1	<0.02	2.7
CAG196436	Sediment	8.1	17.6	0.52	126.7	0.071	1	0.86	0.010	0.07	0.4	2.0	0.04	<0.02	13	<0.1	<0.02	2.8
CAG196437	Sediment	9.6	19.4	0.59	194.0	0.065	3	1.02	0.011	0.07	0.2	2.4	0.06	0.02	35	0.2	<0.02	3.0
CAG196438	Sediment	9.2	17.4	0.45	183.8	0.059	<1	0.92	0.012	0.07	0.3	2.1	0.04	<0.02	13	0.2	<0.02	2.9
CAG196439	Sediment	10.7	9.2	0.32	110.0	0.064	<1	0.94	0.006	0.16	0.1	1.7	0.08	<0.02	9	<0.1	<0.02	2.8
CAG196440	Sediment	13.2	9.3	0.38	111.5	0.072	1	1.01	0.006	0.24	0.1	1.7	0.10	<0.02	15	<0.1	<0.02	3.2
CAG196441	Sediment	14.3	10.0	0.76	147.1	0.122	1	1.41	0.004	0.50	0.2	2.7	0.17	<0.02	10	<0.1	<0.02	4.3
CAG196442	Sediment	11.4	7.6	0.36	105.3	0.068	<1	0.90	0.006	0.23	0.1	1.5	0.09	<0.02	9	<0.1	<0.02	2.7
CAG196443	Sediment	10.4	9.5	0.44	125.1	0.078	<1	1.04	0.007	0.26	0.3	2.0	0.08	<0.02	<5	0.1	<0.02	2.9
CAG196444	Sediment	9.9	9.0	0.49	132.4	0.082	<1	1.11	0.006	0.28	0.3	1.9	0.09	<0.02	11	<0.1	<0.02	3.0
CAG196445	Sediment	10.5	9.8	0.61	147.0	0.091	2	1.23	0.006	0.38	0.4	2.0	0.12	<0.02	7	0.2	0.04	3.5
CAG196446	Sediment	9.8	9.3	0.57	122.9	0.087	<1	1.11	0.005	0.34	0.6	1.8	0.10	<0.02	5	<0.1	0.03	3.2
CAG196447	Sediment	9.4	7.9	0.47	108.5	0.076	2	1.03	0.006	0.30	0.2	1.8	0.09	<0.02	10	<0.1	<0.02	3.0
CAG196448	Sediment	9.2	9.3	0.47	122.9	0.078	<1	1.04	0.006	0.28	0.3	1.8	0.09	<0.02	14	0.1	<0.02	3.0
CAG196449	Sediment	5.7	16.5	0.82	156.6	0.103	<1	1.23	0.006	0.19	0.1	2.0	0.06	<0.02	12	0.1	0.03	3.9
CAG196450	Sediment	4.1	25.1	1.03	139.3	0.121	<1	1.35	0.007	0.28	0.1	2.7	0.05	<0.02	6	0.2	<0.02	4.5
CAG196451	Sediment	10.1	56.6	0.68	332.9	0.080	2	1.21	0.009	0.19	0.3	3.0	0.07	<0.02	20	0.5	0.03	3.9
CAG196452	Sediment	10.7	56.6	0.70	365.3	0.077	2	1.41	0.011	0.15	0.1	3.3	0.07	0.04	15	0.4	0.04	4.4
CAG196453	Sediment	10.4	19.5	0.59	117.6	0.078	2	1.19	0.006	0.21	0.3	2.5	0.09	<0.02	15	0.3	0.02	4.0
CAG196454	Sediment	10.7	45.5	0.64	304.0	0.075	1	1.22	0.011	0.14	0.2	2.9	0.06	0.03	14	0.3	<0.02	3.7
CAG196455	Sediment	11.4	60.2	0.81	340.0	0.080	2	1.36	0.011	0.22	0.1	3.7	0.10	0.03	10	0.6	0.08	4.8
CAG196456	Sediment	11.0	43.1	0.67	268.9	0.078	2	1.22	0.012	0.16	0.2	2.9	0.07	0.03	11	0.3	0.05	4.0
CAG196457	Sediment	11.2	23.9	0.72	145.2	0.089	<1	1.53	0.009	0.33	0.2	2.9	0.15	<0.02	8	0.1	<0.02	4.6

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Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196458	Sediment	0.60	26.62	8.34	33.8	43	13.8	10.9	241	2.15	4.5	1.3	3.1	2.2	25.2	0.08	0.21	0.06	54	0.67	0.091
CAG196459	Sediment	0.62	8.41	11.01	65.9	52	10.9	10.5	465	2.49	3.3	0.7	1.9	4.7	27.3	0.12	0.13	0.09	39	0.59	0.126
CAG196460	Sediment	0.42	9.90	7.32	42.8	55	10.7	9.1	330	1.97	2.3	0.7	7.3	2.3	23.2	0.12	0.13	0.05	34	0.58	0.084
CAG196461	Sediment	0.67	9.48	11.56	39.9	60	10.3	8.6	803	1.92	5.2	0.8	2.2	3.0	22.9	0.16	0.13	0.07	31	0.51	0.076
CAG196462	Sediment	0.65	11.64	15.71	58.3	81	12.0	9.4	930	2.52	8.1	1.1	9.7	4.2	25.0	0.26	0.20	0.09	34	0.58	0.079
CAG196463	Sediment	0.70	9.31	11.59	42.7	81	9.6	6.8	719	1.80	6.2	1.2	63.9	3.7	17.8	0.13	0.17	0.08	33	0.41	0.076
CAG196464	Sediment	0.54	9.82	9.27	47.3	92	9.6	7.1	416	1.88	4.7	0.9	97.7	4.3	20.0	0.16	0.15	0.09	38	0.46	0.092
CAG196465	Sediment	1.59	21.52	15.48	78.9	59	32.0	15.9	584	3.32	6.7	0.8	5.2	3.7	21.8	0.16	0.21	0.08	78	0.55	0.128
CAG196466	Sediment	1.05	18.15	15.50	65.5	70	24.5	13.2	579	2.80	6.0	0.7	2.7	3.9	27.4	0.14	0.20	0.08	60	0.55	0.107
CAG196467	Sediment	1.32	18.93	18.72	70.7	93	22.4	13.4	556	2.97	5.1	0.9	8.1	4.7	27.9	0.20	0.17	0.08	60	0.57	0.094
CAG196468	Sediment	0.87	14.66	13.40	61.3	57	19.4	12.4	534	2.67	5.6	0.8	3.1	4.1	26.0	0.10	0.18	0.07	53	0.54	0.100
CAG196469	Sediment	0.78	18.96	14.16	50.6	58	24.2	13.3	888	2.27	8.7	0.6	5.4	2.5	22.3	0.17	0.32	0.07	52	0.72	0.166
CAG196470	Sediment	0.79	21.19	10.69	67.3	53	31.8	14.1	561	3.03	7.7	0.7	4.0	4.1	27.8	0.17	0.27	0.17	61	0.61	0.125
CAG196471	Sediment	0.83	18.16	13.64	58.5	50	27.5	12.5	503	2.66	6.3	0.9	7.0	4.0	26.9	0.18	0.26	0.12	56	0.66	0.164
CAG196472	Sediment	0.52	7.87	12.37	63.1	23	7.0	10.2	617	2.77	4.0	1.2	6.7	9.0	33.1	0.07	0.26	0.09	47	0.65	0.102
CAG196473	Sediment	0.49	6.54	9.20	56.6	30	7.1	8.5	476	2.35	3.3	0.9	12.7	9.5	22.6	0.07	0.16	0.07	38	0.52	0.095
CAG196474	Sediment	0.67	7.22	11.48	56.3	24	6.7	8.9	508	2.46	4.9	0.9	5.5	9.4	22.2	0.07	0.20	0.08	41	0.42	0.076
CAG196475	Sediment	0.48	6.26	6.99	42.6	33	5.9	6.3	342	1.91	3.3	0.8	49.9	8.7	23.3	0.05	0.14	0.06	34	0.46	0.084
CAG196476	Sediment	0.65	5.15	6.65	44.6	32	4.0	7.1	395	2.11	2.6	1.6	4.7	11.9	22.3	0.06	0.09	0.05	34	0.43	0.082
CAG196477	Sediment	1.49	6.88	20.26	58.6	44	6.9	9.3	545	2.55	4.1	1.6	5.5	9.0	28.6	0.10	0.17	0.07	43	0.43	0.075
CAG196478	Sediment	1.00	24.76	12.56	62.3	162	38.6	9.3	364	2.18	4.4	0.8	13.7	1.9	19.8	0.15	0.19	0.07	54	0.50	0.118
CAG196479	Sediment	1.41	25.22	17.27	62.8	111	32.3	10.3	486	2.67	9.0	0.9	1.5	2.9	18.7	0.18	0.40	0.10	59	0.46	0.128
CAG196480	Sediment	1.27	28.22	11.23	60.0	104	43.4	11.7	470	2.43	6.7	0.7	4.9	2.4	18.8	0.20	0.32	0.07	56	0.56	0.159
CAG196481	Sediment	1.33	27.33	12.21	61.6	110	47.7	11.7	834	2.32	5.5	1.2	7.2	2.6	23.0	0.29	0.30	0.07	58	0.59	0.144
CAG196482	Sediment	0.84	22.34	12.32	52.7	88	36.7	9.8	473	2.14	4.9	0.9	1.9	2.2	19.1	0.16	0.19	0.06	58	0.59	0.167
CAG196483	Sediment	1.24	19.59	5.65	50.0	47	35.6	10.4	520	2.29	6.2	0.5	0.6	2.1	11.6	0.14	0.21	0.05	59	0.32	0.094
CAG196484	Sediment	1.05	22.12	18.23	64.6	59	41.7	11.5	426	2.48	6.3	0.7	0.9	2.7	22.2	0.17	0.27	0.07	61	0.55	0.138
CAG196501	Sediment	0.35	7.13	9.88	44.9	31	7.9	8.3	345	1.86	3.4	0.3	1.8	1.9	21.5	0.08	0.14	0.06	36	0.42	0.063
CAG196502	Sediment	0.66	13.60	9.69	60.9	47	14.1	10.3	369	2.76	6.6	0.7	5.1	4.2	22.4	0.12	0.34	0.12	48	0.50	0.093
CAG196503	Sediment	0.68	15.39	14.69	51.7	52	14.2	11.3	522	2.41	8.3	0.8	2.5	3.5	27.0	0.12	0.39	0.12	49	0.50	0.065

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196458	Sediment	7.6	18.6	0.50	101.5	0.073	<1	1.32	0.029	0.06	0.2	3.1	0.03	<0.02	9	0.3	0.03	3.6
CAG196459	Sediment	11.2	21.9	0.65	126.5	0.078	1	1.41	0.010	0.25	0.2	2.5	0.13	<0.02	10	0.2	<0.02	4.3
CAG196460	Sediment	7.9	18.9	0.44	109.2	0.064	1	1.12	0.019	0.10	0.2	2.7	0.05	<0.02	15	0.3	0.02	3.1
CAG196461	Sediment	10.6	16.1	0.39	130.7	0.055	1	1.03	0.014	0.08	0.2	2.3	0.05	<0.02	23	0.3	0.03	2.9
CAG196462	Sediment	15.7	17.3	0.45	199.8	0.064	2	1.21	0.012	0.11	0.2	2.9	0.08	0.03	46	0.3	<0.02	3.5
CAG196463	Sediment	11.2	13.8	0.31	138.8	0.057	<1	0.93	0.009	0.09	0.2	2.2	0.05	<0.02	18	0.2	0.04	2.8
CAG196464	Sediment	12.6	14.6	0.40	139.0	0.073	<1	1.06	0.010	0.16	0.4	2.1	0.07	<0.02	34	0.4	<0.02	3.1
CAG196465	Sediment	10.0	54.7	0.93	231.6	0.077	2	1.55	0.012	0.18	0.1	3.7	0.09	<0.02	11	0.4	0.05	5.1
CAG196466	Sediment	11.0	37.5	0.80	213.2	0.089	3	1.42	0.013	0.18	0.2	3.2	0.10	<0.02	32	0.4	0.02	4.6
CAG196467	Sediment	14.5	36.7	0.85	250.7	0.116	3	1.65	0.014	0.35	0.1	3.4	0.14	<0.02	15	0.6	0.04	5.1
CAG196468	Sediment	10.8	31.8	0.72	188.6	0.079	<1	1.32	0.013	0.17	0.3	2.9	0.07	<0.02	21	0.4	<0.02	4.1
CAG196469	Sediment	8.9	36.5	0.68	239.4	0.061	2	1.03	0.015	0.05	0.2	2.8	0.04	<0.02	17	0.5	0.05	3.4
CAG196470	Sediment	13.4	45.7	0.86	244.3	0.080	2	1.50	0.011	0.19	0.2	3.6	0.14	<0.02	24	0.2	0.04	5.3
CAG196471	Sediment	12.0	41.1	0.74	194.6	0.068	2	1.30	0.013	0.14	0.2	3.4	0.12	<0.02	16	0.2	0.05	4.5
CAG196472	Sediment	18.2	9.6	0.67	152.8	0.104	2	1.40	0.006	0.46	0.4	2.6	0.21	0.02	53	0.1	<0.02	4.7
CAG196473	Sediment	17.9	9.9	0.61	98.4	0.082	2	1.24	0.004	0.39	0.2	2.0	0.19	<0.02	12	0.1	0.02	4.3
CAG196474	Sediment	17.9	10.4	0.56	100.8	0.086	1	1.31	0.004	0.37	0.1	1.8	0.18	<0.02	12	0.1	<0.02	4.2
CAG196475	Sediment	19.6	10.0	0.44	87.1	0.076	1	1.09	0.005	0.31	0.2	1.8	0.16	<0.02	12	<0.1	<0.02	3.6
CAG196476	Sediment	19.3	6.0	0.50	88.1	0.092	1	1.24	0.003	0.51	0.2	1.7	0.22	<0.02	7	<0.1	<0.02	3.8
CAG196477	Sediment	19.8	10.5	0.58	122.9	0.104	2	1.35	0.005	0.45	0.2	2.2	0.23	<0.02	16	0.2	<0.02	4.3
CAG196478	Sediment	11.1	59.6	0.68	353.3	0.085	1	1.48	0.010	0.20	0.1	3.3	0.14	0.03	29	0.6	0.02	5.3
CAG196479	Sediment	12.4	45.5	0.59	293.8	0.083	2	1.36	0.008	0.19	0.1	3.0	0.13	0.02	22	0.5	0.04	4.4
CAG196480	Sediment	11.5	59.1	0.69	286.4	0.080	1	1.32	0.008	0.18	0.1	3.1	0.12	0.03	7	0.4	0.03	4.5
CAG196481	Sediment	12.2	58.0	0.69	306.9	0.078	2	1.31	0.009	0.17	0.2	3.3	0.11	0.03	17	0.9	0.02	4.4
CAG196482	Sediment	10.3	57.5	0.65	307.7	0.077	1	1.27	0.007	0.15	0.3	3.3	0.10	0.02	22	0.4	0.06	4.2
CAG196483	Sediment	7.5	52.8	0.64	265.4	0.063	<1	1.04	0.006	0.17	<0.1	2.7	0.09	<0.02	5	0.4	0.04	3.6
CAG196484	Sediment	10.6	63.7	0.79	304.5	0.082	2	1.28	0.009	0.20	0.2	3.2	0.12	0.02	10	0.4	<0.02	4.6
CAG196501	Sediment	5.7	14.1	0.51	82.7	0.052	<1	0.95	0.008	0.07	<0.1	1.9	0.06	<0.02	26	<0.1	<0.02	3.0
CAG196502	Sediment	13.6	21.7	0.57	179.4	0.070	2	1.32	0.012	0.18	0.3	3.2	0.11	<0.02	25	0.2	0.04	4.0
CAG196503	Sediment	11.4	23.9	0.52	147.0	0.062	1	1.17	0.009	0.09	0.2	2.9	0.07	<0.02	24	0.3	0.03	3.8

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Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196504	Sediment	0.39	14.90	7.50	44.7	34	12.0	9.3	323	2.21	5.1	0.5	1.4	2.8	22.3	0.08	0.26	0.07	51	0.44	0.075
CAG196505	Sediment	0.64	14.36	15.25	48.9	55	14.1	14.3	1241	2.90	8.5	1.2	1.8	2.8	28.6	0.14	0.33	0.08	48	0.69	0.076
CAG196506	Sediment	0.69	8.61	14.51	36.1	98	8.6	8.6	1121	2.22	7.4	0.6	203.2	3.2	19.2	0.12	0.24	0.07	36	0.43	0.049
CAG196507	Sediment	1.18	12.94	12.66	52.5	42	11.5	9.6	683	2.52	7.3	1.4	19.7	4.4	22.6	0.16	0.27	0.09	47	0.44	0.069
CAG196508	Sediment	2.08	14.66	20.52	63.2	82	8.1	13.1	531	2.78	3.1	0.6	122.0	3.7	16.1	0.12	0.12	0.07	59	0.41	0.070
CAG196509	Sediment	1.70	10.05	14.41	52.0	35	6.7	10.6	467	2.11	2.7	0.5	1.7	3.5	17.0	0.11	0.08	0.06	45	0.37	0.060
CAG196510	Sediment	1.52	9.34	11.25	50.1	35	6.2	9.1	396	1.93	2.1	1.0	1.8	3.9	18.7	0.13	0.08	0.05	40	0.39	0.072
CAG196511	Sediment	0.47	14.71	13.76	67.8	82	23.5	18.1	2863	3.56	6.1	0.4	2.4	1.7	35.3	0.31	0.20	0.14	69	1.12	0.101
CAG196512	Sediment	1.27	22.23	15.75	82.1	62	39.0	17.6	653	3.56	7.6	0.8	5.1	2.7	24.1	0.16	0.22	0.09	73	0.63	0.085
CAG196513	Sediment	0.35	10.41	8.54	56.7	32	21.0	12.0	465	2.69	4.9	0.4	4.6	2.6	26.9	0.09	0.19	0.06	58	0.71	0.128
CAG196514	Sediment	0.56	14.56	8.28	65.2	39	28.1	13.2	659	2.69	6.5	0.5	3.5	2.5	26.9	0.11	0.19	0.07	60	0.66	0.099
CAG196515	Sediment	0.73	14.17	7.35	60.4	55	21.1	10.0	636	2.17	4.3	0.6	2.0	2.6	31.0	0.14	0.18	0.06	49	0.59	0.073
CAG196516	Sediment	0.63	20.99	11.29	76.7	50	29.8	17.8	1078	3.80	6.2	1.0	2.8	9.2	29.7	0.13	0.18	0.12	58	0.66	0.111
CAG196517	Sediment	0.40	16.90	8.85	77.2	36	29.8	16.9	546	3.47	4.7	0.8	1.7	8.3	28.5	0.08	0.11	0.05	51	0.68	0.108
CAG196518	Sediment	0.69	15.41	8.16	63.9	53	22.4	12.8	436	2.65	4.3	0.7	7.0	4.0	28.4	0.12	0.18	0.07	50	0.53	0.094
CAG196519	Sediment	0.60	16.33	9.17	67.0	42	23.5	13.2	502	2.77	4.5	0.8	3.2	4.6	31.2	0.11	0.16	0.05	52	0.62	0.101
CAG196520	Sediment	0.58	16.85	8.47	59.9	72	23.7	12.6	467	2.62	4.4	0.7	77.9	4.4	33.4	0.09	0.15	0.06	51	0.64	0.112
CAG196521	Sediment	0.75	11.12	8.92	72.6	55	16.5	9.9	478	2.35	5.5	0.6	12.2	2.9	37.6	0.75	0.37	0.17	48	1.52	0.125
CAG196522	Sediment	0.60	10.96	8.10	64.5	43	15.1	8.9	404	2.12	4.8	0.5	6.3	2.5	35.2	0.57	0.38	0.13	44	1.22	0.122
CAG196523	Sediment	0.63	9.80	7.08	63.2	35	15.1	10.3	516	2.21	4.7	0.4	1.8	2.3	34.8	0.55	0.26	0.10	45	1.18	0.107
CAG196524	Sediment	0.46	8.45	6.21	60.9	30	15.6	11.8	630	2.21	4.1	0.3	1.5	1.6	39.8	0.33	0.17	0.08	47	0.81	0.089
CAG196525	Sediment	0.41	8.88	6.49	54.9	33	12.6	9.5	627	2.08	4.4	0.4	2.0	1.8	40.8	0.31	0.18	0.07	45	0.80	0.099
CAG196526	Sediment	0.27	9.94	3.51	41.7	42	6.8	7.2	262	1.72	2.6	0.5	3.4	1.9	31.3	0.05	0.10	0.06	41	0.40	0.064
CAG196527	Sediment	0.31	16.70	5.06	54.6	55	12.2	8.9	314	1.87	3.5	0.5	2.0	2.0	37.8	0.24	0.21	0.07	41	0.67	0.086
CAG196528	Sediment	2.29	20.75	19.08	62.9	133	37.1	9.8	448	2.69	13.2	2.4	2.2	4.9	68.2	0.20	0.43	0.33	65	0.66	0.083
CAG196529	Sediment	1.66	10.64	12.23	58.8	46	23.5	7.0	364	1.84	8.4	3.4	3.5	5.9	86.3	0.11	0.25	0.13	34	0.57	0.089
CAG196530	Sediment	0.96	43.02	6.23	57.4	144	44.3	11.1	406	2.60	4.8	1.0	2.0	3.6	43.1	0.08	0.19	0.09	66	0.56	0.115
CAG196531	Sediment	1.13	13.66	11.71	62.8	56	25.0	8.4	399	2.06	5.4	2.1	10.3	4.8	65.1	0.12	0.21	0.09	43	0.58	0.120
CAG196532	Sediment	1.16	22.56	14.10	60.1	85	32.5	10.1	391	2.22	4.9	1.5	2.1	4.0	53.2	0.18	0.23	0.10	56	0.56	0.102
CAG196533	Sediment	0.65	16.11	8.14	50.5	59	21.8	8.0	416	1.99	5.9	0.7	4.3	3.0	26.6	0.14	0.28	0.09	48	0.59	0.124

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196504	Sediment	9.3	20.8	0.67	121.2	0.066	<1	1.14	0.010	0.11	0.2	3.0	0.07	<0.02	17	<0.1	0.02	3.6
CAG196505	Sediment	10.0	20.9	0.52	195.4	0.060	1	1.22	0.015	0.09	0.2	3.3	0.08	0.02	22	0.2	0.03	4.0
CAG196506	Sediment	9.8	13.1	0.29	153.3	0.048	1	0.90	0.010	0.08	0.1	2.2	0.06	<0.02	18	0.1	0.04	2.7
CAG196507	Sediment	12.0	15.5	0.49	145.0	0.071	1	1.10	0.010	0.20	0.3	2.4	0.10	<0.02	17	0.2	0.04	3.6
CAG196508	Sediment	8.6	22.1	1.02	168.9	0.137	<1	1.76	0.002	0.73	0.1	2.2	0.25	<0.02	9	0.1	0.04	4.4
CAG196509	Sediment	7.7	16.7	0.77	145.0	0.103	<1	1.34	0.002	0.49	0.2	1.9	0.18	<0.02	<5	0.2	<0.02	3.5
CAG196510	Sediment	10.2	14.8	0.67	112.9	0.088	<1	1.24	0.002	0.43	0.1	1.8	0.16	<0.02	<5	0.1	<0.02	3.3
CAG196511	Sediment	6.0	46.9	1.43	140.9	0.048	1	1.75	0.025	0.05	0.1	3.9	0.05	<0.02	17	0.2	<0.02	5.2
CAG196512	Sediment	8.2	57.8	1.03	169.4	0.039	2	1.54	0.006	0.09	0.2	4.4	0.11	<0.02	24	0.5	0.04	5.4
CAG196513	Sediment	7.7	58.7	0.81	106.4	0.049	2	1.25	0.012	0.07	0.2	3.2	0.06	<0.02	13	0.1	<0.02	4.1
CAG196514	Sediment	8.6	44.3	0.79	169.2	0.063	1	1.34	0.011	0.10	0.2	3.1	0.08	0.02	20	0.2	0.02	4.3
CAG196515	Sediment	10.0	34.0	0.60	158.4	0.058	1	1.20	0.013	0.06	0.2	2.8	0.08	0.02	22	0.2	0.03	4.1
CAG196516	Sediment	22.5	41.5	0.95	202.8	0.101	1	1.86	0.010	0.38	0.1	4.1	0.26	<0.02	12	0.2	0.07	6.5
CAG196517	Sediment	21.8	41.4	1.04	154.8	0.086	<1	1.80	0.009	0.32	<0.1	3.9	0.23	<0.02	12	<0.1	0.05	6.4
CAG196518	Sediment	12.2	34.8	0.74	188.2	0.074	<1	1.45	0.011	0.18	0.2	3.1	0.13	<0.02	13	0.2	0.03	4.7
CAG196519	Sediment	14.0	35.5	0.80	184.1	0.072	1	1.45	0.013	0.19	0.2	3.2	0.13	<0.02	12	0.2	<0.02	4.9
CAG196520	Sediment	12.7	34.4	0.76	170.1	0.070	1	1.40	0.016	0.16	0.3	3.2	0.12	<0.02	9	<0.1	<0.02	4.6
CAG196521	Sediment	8.9	23.2	0.91	164.9	0.054	1	0.97	0.010	0.09	0.2	2.5	0.11	<0.02	22	0.6	<0.02	3.3
CAG196522	Sediment	8.2	23.0	0.83	142.9	0.053	2	0.91	0.010	0.08	0.2	2.2	0.09	<0.02	19	0.4	0.02	3.1
CAG196523	Sediment	6.6	23.5	1.03	180.8	0.064	2	0.96	0.009	0.10	0.1	2.1	0.08	<0.02	10	0.4	<0.02	3.2
CAG196524	Sediment	4.7	24.0	1.20	173.4	0.110	1	1.19	0.007	0.24	0.1	2.1	0.08	<0.02	10	0.3	<0.02	3.8
CAG196525	Sediment	6.1	20.3	0.89	145.1	0.086	2	0.98	0.007	0.15	0.1	2.3	0.08	0.02	10	0.4	<0.02	3.2
CAG196526	Sediment	6.9	13.2	0.81	143.4	0.100	1	1.06	0.004	0.29	<0.1	2.4	0.10	<0.02	5	0.1	<0.02	3.6
CAG196527	Sediment	7.3	18.4	0.84	123.7	0.086	2	1.08	0.008	0.17	0.1	2.4	0.09	0.02	11	0.4	<0.02	3.4
CAG196528	Sediment	19.2	50.2	0.73	324.7	0.085	3	1.82	0.012	0.07	0.5	3.6	0.15	0.02	26	0.2	0.05	5.6
CAG196529	Sediment	19.3	28.7	0.52	213.6	0.061	3	1.06	0.011	0.07	0.4	1.8	0.10	<0.02	14	0.2	<0.02	3.7
CAG196530	Sediment	16.9	58.4	0.79	232.7	0.112	2	1.49	0.010	0.35	0.1	4.0	0.13	<0.02	16	0.2	0.06	5.3
CAG196531	Sediment	16.7	37.1	0.53	255.8	0.067	2	1.07	0.011	0.10	0.3	2.3	0.08	<0.02	12	0.2	<0.02	4.0
CAG196532	Sediment	12.4	49.6	0.74	323.5	0.080	2	1.32	0.011	0.22	0.7	3.1	0.12	0.04	17	0.5	0.03	4.4
CAG196533	Sediment	11.1	37.0	0.51	224.6	0.067	1	1.12	0.015	0.09	0.3	2.8	0.06	<0.02	22	0.2	<0.02	3.6

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG196534	Sediment	1.43	32.12	8.74	91.8	102	60.5	18.6	562	2.77	6.8	0.8	0.6	2.0	19.2	0.24	0.30	0.07	66	0.47	0.085
CAG196535	Sediment	1.41	31.03	7.89	68.1	148	50.9	14.1	535	2.50	5.6	0.9	12.6	2.6	21.9	0.16	0.26	0.07	62	0.57	0.134
CAG196536	Sediment	1.49	30.20	7.90	74.3	80	57.1	15.2	641	2.94	6.3	1.0	<0.2	2.2	19.4	0.15	0.22	0.06	68	0.60	0.170
CAG196537	Sediment	1.20	24.94	6.27	62.8	73	45.7	11.9	413	2.23	5.5	0.7	<0.2	2.5	20.8	0.14	0.31	0.16	54	0.59	0.160
CAG196538	Sediment	2.18	40.07	11.78	95.7	79	70.2	19.4	666	3.65	8.6	0.8	1.5	3.3	23.0	0.18	0.44	0.11	88	0.50	0.130
CAG196539	Sediment	1.53	29.19	11.70	73.7	64	52.9	15.2	569	2.76	7.2	0.7	0.3	2.8	22.0	0.14	0.37	0.08	68	0.61	0.179
CAG196540	Sediment	1.44	30.76	10.06	65.1	70	59.4	16.3	666	2.50	5.0	0.5	0.5	2.1	17.3	0.14	0.21	0.08	78	0.50	0.153
CAG196541	Sediment	1.31	24.43	6.89	62.7	56	44.9	12.3	462	2.36	6.2	0.7	0.5	2.6	24.0	0.13	0.30	0.07	59	0.71	0.215
CAG196551	Sediment	0.71	15.89	9.74	68.5	63	18.6	9.3	439	2.20	6.5	0.5	4.2	2.6	40.4	0.45	0.49	0.09	48	1.52	0.135
CAG196552	Sediment	0.46	11.93	11.52	58.3	63	15.2	10.4	375	2.18	5.4	0.5	3.2	2.6	31.6	0.18	0.21	0.08	47	1.12	0.086
CAG196553	Sediment	0.27	7.06	4.31	34.9	24	9.4	7.9	361	1.85	3.1	0.2	0.8	1.1	24.3	0.09	0.09	0.05	48	0.58	0.088
CAG196554	Sediment	0.26	9.09	5.68	52.3	45	11.2	8.9	376	1.81	3.9	0.6	1.1	2.1	25.1	0.15	0.16	0.07	34	0.70	0.103
CAG196555	Sediment	0.26	12.21	5.22	48.7	46	14.2	9.5	280	1.96	4.1	0.5	1.1	2.1	32.3	0.10	0.21	0.07	47	0.65	0.087
CAG196556	Sediment	0.38	9.05	5.95	55.3	56	13.3	9.0	250	1.83	3.6	0.9	1.2	2.5	31.3	0.13	0.19	0.08	42	0.57	0.074
CAG197034	Sediment	0.38	17.80	7.27	66.4	102	16.7	9.8	397	2.00	4.5	0.8	2.9	2.9	30.9	0.18	0.27	0.09	42	0.73	0.065
CAG197035	Sediment	1.24	14.09	13.70	76.2	30	5.9	13.6	812	3.77	3.6	1.2	1.0	7.4	18.3	0.10	0.47	0.15	68	0.63	0.065
CAG197036	Sediment	5.58	13.06	25.98	68.4	51	8.3	19.1	1950	5.65	13.5	1.1	<0.2	7.3	24.7	0.18	0.27	0.18	67	0.65	0.056
CAG197037	Sediment	0.46	16.69	16.70	63.3	31	37.0	14.3	516	3.64	4.4	0.8	0.6	4.8	38.8	0.06	0.23	0.07	110	0.67	0.121
CAG197038	Sediment	1.11	19.04	11.95	57.2	60	18.8	10.9	492	2.44	10.7	1.0	1.1	4.6	55.6	0.22	0.60	0.13	50	0.60	0.071
CAG197039	Sediment	0.71	15.46	8.60	53.2	63	15.7	8.1	384	2.10	7.5	0.8	3.1	4.4	48.8	0.17	0.47	0.11	43	0.59	0.070
CAG197040	Sediment	0.64	11.21	7.32	50.7	48	8.0	7.1	246	2.00	3.6	0.6	2.9	4.2	18.1	0.11	0.19	0.08	44	0.32	0.052
CAG197041	Sediment	0.99	12.03	6.45	41.7	48	4.5	6.6	320	1.70	1.7	0.7	3.9	4.8	19.4	0.09	0.07	0.06	37	0.40	0.075
CAG197042	Sediment	0.70	8.79	6.30	40.9	35	5.3	6.1	241	1.66	2.1	0.6	0.9	4.3	18.5	0.08	0.11	0.05	34	0.38	0.072
CAG197043	Sediment	0.50	8.55	7.28	42.1	40	5.7	6.3	219	1.64	2.6	0.5	13.5	4.3	15.3	0.06	0.15	0.05	33	0.31	0.062
CAG197044	Sediment	0.48	6.22	6.21	30.6	32	7.0	5.8	306	1.60	4.4	0.4	8.9	3.8	15.6	0.09	0.24	0.09	38	0.34	0.075
CAG197045	Sediment	0.63	8.87	5.88	36.6	22	8.2	6.4	282	1.68	4.4	0.5	1.9	5.4	19.8	0.10	0.22	0.07	37	0.39	0.075
CAG197046	Sediment	0.52	16.51	6.97	50.1	43	13.9	11.0	453	2.45	4.4	0.5	2.7	3.6	31.4	0.11	0.25	0.07	48	0.64	0.122
CAG197047	Sediment	0.49	13.80	6.15	73.9	37	16.8	16.1	752	3.32	3.8	0.4	0.6	2.7	42.3	0.17	0.16	0.06	56	1.91	0.081
CAG197048	Sediment	0.30	10.58	6.34	51.9	42	12.9	10.1	465	2.27	2.9	0.4	6.1	3.4	33.4	0.12	0.17	0.06	41	0.67	0.122
CAG197049	Sediment	0.99	15.53	9.92	80.9	47	20.2	19.0	1817	3.42	9.4	0.4	0.7	2.9	41.6	0.52	2.29	0.23	55	1.57	0.082

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Client: **Selene Holdings LP**
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG196534	Sediment	11.0	90.9	0.94	298.7	0.103	<1	1.68	0.008	0.20	<0.1	3.8	0.13	0.02	18	0.4	0.03	6.1
CAG196535	Sediment	13.3	74.7	0.78	349.3	0.094	<1	1.57	0.009	0.19	0.1	3.9	0.13	0.02	15	0.5	0.04	5.4
CAG196536	Sediment	10.1	88.5	0.92	336.0	0.106	<1	1.64	0.009	0.26	<0.1	3.9	0.14	<0.02	9	0.4	0.02	5.8
CAG196537	Sediment	11.3	67.3	0.72	255.8	0.080	<1	1.32	0.010	0.17	0.1	3.1	0.08	0.02	11	0.3	0.05	4.6
CAG196538	Sediment	13.2	104.2	1.18	408.9	0.132	1	1.92	0.007	0.37	<0.1	4.4	0.19	0.04	15	0.6	0.09	6.8
CAG196539	Sediment	11.7	80.6	0.90	337.8	0.095	<1	1.47	0.009	0.24	0.1	3.5	0.14	0.03	11	0.4	0.06	5.1
CAG196540	Sediment	8.7	96.7	0.97	358.1	0.087	<1	1.40	0.007	0.23	<0.1	3.7	0.12	0.03	<5	0.5	0.08	5.2
CAG196541	Sediment	11.2	68.6	0.75	257.7	0.079	<1	1.29	0.010	0.18	0.2	3.1	0.11	0.03	10	0.3	0.04	4.4
CAG196551	Sediment	10.2	21.7	0.76	128.9	0.053	2	0.96	0.011	0.08	0.3	2.5	0.07	<0.02	28	0.5	<0.02	3.0
CAG196552	Sediment	8.7	23.2	1.03	173.3	0.082	2	1.16	0.011	0.10	0.2	2.7	0.07	<0.02	20	0.2	<0.02	3.8
CAG196553	Sediment	4.3	20.1	0.78	126.3	0.090	<1	0.89	0.006	0.18	<0.1	2.2	0.06	<0.02	11	0.2	<0.02	2.9
CAG196554	Sediment	8.7	16.6	0.52	133.0	0.057	1	1.10	0.010	0.05	0.1	2.5	0.05	<0.02	16	0.2	<0.02	3.4
CAG196555	Sediment	7.9	22.4	0.83	147.2	0.093	1	1.19	0.013	0.12	0.3	2.7	0.07	<0.02	10	0.2	<0.02	3.7
CAG196556	Sediment	9.6	20.5	0.76	139.9	0.079	1	1.20	0.012	0.06	0.2	2.3	0.06	<0.02	27	0.1	<0.02	3.9
CAG197034	Sediment	14.8	25.1	0.66	205.5	0.082	2	1.30	0.015	0.09	0.2	3.6	0.09	0.03	37	0.2	<0.02	4.1
CAG197035	Sediment	11.2	8.2	0.88	195.7	0.082	2	1.60	0.002	0.32	0.1	3.4	0.17	<0.02	45	0.2	0.02	5.2
CAG197036	Sediment	22.7	9.7	0.62	275.1	0.088	2	1.29	0.005	0.37	0.2	3.0	0.22	<0.02	37	0.2	0.02	4.9
CAG197037	Sediment	11.1	227.8	0.89	155.1	0.099	2	1.27	0.012	0.25	0.1	2.5	0.12	<0.02	55	<0.1	<0.02	4.6
CAG197038	Sediment	12.6	24.0	0.50	201.8	0.056	2	1.01	0.015	0.09	0.3	2.7	0.07	<0.02	26	0.3	0.04	3.4
CAG197039	Sediment	12.0	20.8	0.43	214.0	0.057	1	0.95	0.017	0.06	0.3	2.2	0.06	<0.02	23	0.2	0.03	3.1
CAG197040	Sediment	11.7	12.6	0.54	114.9	0.082	<1	1.24	0.008	0.26	0.1	2.0	0.12	<0.02	20	0.1	<0.02	3.6
CAG197041	Sediment	12.3	8.6	0.45	103.6	0.070	<1	1.09	0.002	0.31	0.2	2.0	0.12	<0.02	18	<0.1	<0.02	3.2
CAG197042	Sediment	11.1	9.2	0.44	97.1	0.067	<1	1.03	0.005	0.26	0.3	1.9	0.11	<0.02	42	<0.1	<0.02	2.9
CAG197043	Sediment	9.7	9.8	0.46	94.3	0.067	<1	1.01	0.005	0.29	0.2	1.8	0.10	<0.02	7	<0.1	<0.02	2.9
CAG197044	Sediment	9.0	12.7	0.29	93.3	0.047	<1	0.72	0.006	0.08	0.9	1.7	0.05	0.02	29	0.2	<0.02	2.3
CAG197045	Sediment	10.8	11.7	0.35	117.3	0.049	<1	0.78	0.008	0.12	0.7	1.8	0.07	<0.02	11	<0.1	<0.02	2.3
CAG197046	Sediment	11.5	27.1	0.69	135.7	0.062	<1	1.45	0.009	0.16	0.2	3.2	0.10	<0.02	13	<0.1	0.03	4.5
CAG197047	Sediment	8.7	36.6	2.05	100.1	0.053	<1	1.66	0.005	0.15	<0.1	3.1	0.10	<0.02	14	<0.1	<0.02	5.3
CAG197048	Sediment	10.1	25.6	0.68	94.4	0.061	<1	1.30	0.011	0.17	0.2	2.7	0.09	<0.02	14	<0.1	<0.02	4.2
CAG197049	Sediment	10.2	28.7	1.45	153.2	0.048	<1	1.44	0.016	0.17	0.1	2.7	0.10	<0.02	9	0.3	<0.02	4.8

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Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CAG197050	Sediment	0.83	16.53	7.72	64.5	60	17.8	10.3	612	2.29	6.7	0.4	8.0	1.9	43.8	0.70	0.49	0.08	50	2.15	0.154
CAG196751	Sediment	3.44	18.41	5.59	54.7	95	18.3	8.2	269	2.35	3.0	0.7	1.7	2.8	14.2	0.10	0.07	0.15	54	0.27	0.080
CAG196752	Sediment	2.59	9.85	6.04	51.2	56	12.1	9.1	374	2.23	2.1	0.6	4.4	3.6	17.3	0.11	0.06	0.08	51	0.42	0.111
CAG196753	Sediment	3.20	14.77	6.31	66.8	122	15.3	11.7	490	2.83	2.2	0.7	4.7	3.5	23.1	0.15	0.10	0.10	65	0.46	0.083
CAG196754	Sediment	1.03	17.21	6.44	56.8	79	22.0	8.2	278	2.20	2.6	0.6	12.7	3.3	19.3	0.11	0.15	0.06	59	0.54	0.146
CAG196755	Sediment	0.93	18.07	6.75	57.8	90	21.5	8.6	320	2.22	3.5	0.6	5.4	3.0	22.2	0.12	0.18	0.07	56	0.49	0.114
CAG196756	Sediment	2.19	7.92	5.18	43.1	55	10.6	10.0	621	2.48	3.0	0.5	0.7	3.3	16.4	0.09	0.08	0.05	51	0.39	0.085
CAG196757	Sediment	0.67	6.34	7.15	36.6	32	8.2	7.4	252	1.79	2.1	0.3	1.1	2.7	19.3	0.05	0.14	0.03	40	0.54	0.112
CAG196758	Sediment	0.84	6.76	11.03	40.6	32	8.0	9.2	363	2.14	2.9	0.3	1.7	2.5	20.0	0.07	0.13	0.03	45	0.55	0.096
CAG196759	Sediment	0.51	7.57	11.59	40.7	29	11.1	10.0	445	2.14	2.9	0.2	0.3	1.7	24.4	0.06	0.11	0.02	45	0.65	0.106
CAG196760	Sediment	0.94	12.56	5.59	46.5	62	13.6	13.3	531	2.70	3.9	0.4	0.6	1.3	27.3	0.09	0.13	0.15	54	0.80	0.130
CAG196761	Sediment	0.51	12.93	13.51	34.0	48	13.5	11.5	442	2.29	3.2	0.2	7.5	1.2	24.5	0.05	0.09	0.06	53	0.72	0.092

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Project: JP Ross
Report Date: February 21, 2012

CERTIFICATE OF ANALYSIS VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
CAG197050	Sediment	9.3	19.1	0.90	111.4	0.043	<1	0.95	0.008	0.08	0.3	2.5	0.06	<0.02	22	0.5	0.03	2.9
CAG196751	Sediment	9.3	32.2	0.63	253.5	0.069	<1	1.21	0.007	0.29	0.1	2.8	0.13	0.03	11	0.3	0.03	4.2
CAG196752	Sediment	8.6	24.0	0.78	231.9	0.086	<1	1.31	0.006	0.40	0.2	2.6	0.16	<0.02	11	<0.1	<0.02	4.7
CAG196753	Sediment	11.0	28.8	0.99	303.5	0.114	<1	1.75	0.008	0.50	0.2	3.3	0.21	<0.02	21	0.2	<0.02	5.8
CAG196754	Sediment	12.3	39.6	0.57	220.2	0.063	<1	1.24	0.008	0.17	0.4	3.3	0.11	<0.02	20	0.3	<0.02	4.3
CAG196755	Sediment	12.3	34.1	0.56	228.4	0.063	<1	1.23	0.010	0.14	0.3	3.1	0.09	0.02	27	0.3	<0.02	4.2
CAG196756	Sediment	8.0	18.7	0.72	203.8	0.075	<1	1.20	0.006	0.30	<0.1	2.4	0.13	<0.02	7	0.3	<0.02	4.1
CAG196757	Sediment	7.1	17.0	0.59	142.6	0.064	<1	1.05	0.013	0.20	0.2	2.6	0.08	<0.02	<5	0.1	<0.02	3.4
CAG196758	Sediment	6.7	18.3	0.67	153.1	0.067	<1	1.18	0.012	0.23	0.2	2.5	0.09	<0.02	14	<0.1	<0.02	3.9
CAG196759	Sediment	4.5	22.2	0.64	92.4	0.050	<1	1.17	0.026	0.06	0.1	3.0	0.04	<0.02	11	0.1	<0.02	3.6
CAG196760	Sediment	5.5	21.8	0.72	96.2	0.048	<1	1.39	0.034	0.06	<0.1	3.7	0.02	<0.02	13	0.1	<0.02	4.3
CAG196761	Sediment	3.7	28.5	0.69	85.8	0.048	<1	1.33	0.036	0.05	0.1	4.0	0.03	<0.02	11	<0.1	<0.02	4.0

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Project: JP Ross
Report Date: February 21, 2012

QUALITY CONTROL REPORT VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
CAG196412	Sediment	1.44	11.80	11.00	61.1	74	14.2	12.0	689	2.39	4.4	1.1	0.8	2.5	31.9	0.16	0.18	0.06	49	0.59	0.106
REP CAG196412	QC	1.41	11.62	10.60	62.4	58	14.4	12.2	699	2.38	4.3	1.1	3.0	2.6	31.4	0.17	0.18	0.06	49	0.59	0.106
CAG196435	Sediment	0.22	8.55	8.05	44.0	41	10.7	7.8	320	1.90	3.8	0.3	13.1	2.0	20.3	0.09	0.17	0.05	41	0.45	0.092
REP CAG196435	QC	0.20	7.92	8.01	41.8	36	11.1	7.7	319	1.82	3.6	0.3	15.9	1.9	18.7	0.08	0.14	0.04	40	0.44	0.088
CAG196452	Sediment	1.45	21.93	17.73	63.8	97	34.2	11.1	346	3.18	13.2	0.8	8.8	2.9	18.8	0.13	0.38	0.09	72	0.43	0.139
REP CAG196452	QC	1.44	20.26	13.59	57.9	75	32.6	10.6	335	3.09	12.8	0.7	2.6	2.7	16.0	0.13	0.36	0.08	71	0.37	0.124
CAG196501	Sediment	0.35	7.13	9.88	44.9	31	7.9	8.3	345	1.86	3.4	0.3	1.8	1.9	21.5	0.08	0.14	0.06	36	0.42	0.063
REP CAG196501	QC	0.31	7.21	9.87	43.9	22	7.9	8.2	347	1.84	3.5	0.3	2.3	1.8	22.0	0.08	0.14	0.05	36	0.42	0.064
CAG196518	Sediment	0.69	15.41	8.16	63.9	53	22.4	12.8	436	2.65	4.3	0.7	7.0	4.0	28.4	0.12	0.18	0.07	50	0.53	0.094
REP CAG196518	QC	0.70	15.84	8.53	65.9	51	22.1	13.4	458	2.76	4.5	0.8	41.4	4.1	30.0	0.10	0.18	0.07	54	0.57	0.096
CAG196537	Sediment	1.20	24.94	6.27	62.8	73	45.7	11.9	413	2.23	5.5	0.7	<0.2	2.5	20.8	0.14	0.31	0.16	54	0.59	0.160
REP CAG196537	QC	1.11	23.72	6.64	59.4	65	42.6	11.0	399	2.15	5.4	0.8	0.8	2.6	20.5	0.13	0.32	0.10	52	0.58	0.160
CAG197037	Sediment	0.46	16.69	16.70	63.3	31	37.0	14.3	516	3.64	4.4	0.8	0.6	4.8	38.8	0.06	0.23	0.07	110	0.67	0.121
REP CAG197037	QC	0.46	17.18	18.41	67.1	26	39.8	15.0	529	3.93	4.5	0.9	0.9	4.9	40.6	0.06	0.24	0.07	128	0.71	0.130
CAG197047	Sediment	0.49	13.80	6.15	73.9	37	16.8	16.1	752	3.32	3.8	0.4	0.6	2.7	42.3	0.17	0.16	0.06	56	1.91	0.081
REP CAG197047	QC	0.46	14.15	6.62	71.9	45	16.6	15.1	696	3.25	3.9	0.4	1.3	2.9	43.6	0.18	0.17	0.11	57	1.81	0.098
Reference Materials																					
STD DS8	Standard	13.24	107.9	125.2	304.1	1787	36.9	7.2	606	2.50	26.2	2.9	113.6	7.2	66.6	2.33	4.86	6.85	45	0.70	0.079
STD DS8	Standard	13.01	103.2	118.2	305.5	1687	36.8	7.0	601	2.39	23.4	2.1	107.2	6.4	65.2	2.22	5.23	5.39	44	0.72	0.075
STD DS8	Standard	13.83	109.9	124.0	302.2	1765	38.0	7.4	599	2.47	25.0	2.7	105.5	6.9	65.3	2.30	5.24	5.95	42	0.74	0.080
STD DS8	Standard	14.02	110.3	118.8	302.7	1696	42.5	8.0	633	2.50	24.2	2.4	103.9	6.3	67.8	2.28	5.31	5.95	42	0.73	0.080
STD DS8	Standard	13.08	103.1	122.0	298.1	1717	36.8	7.5	603	2.38	23.5	2.6	111.2	6.8	60.7	2.18	4.93	6.08	40	0.74	0.076
STD DS8	Standard	13.42	105.1	122.2	307.2	1720	36.7	7.2	598	2.39	23.8	2.8	115.0	7.1	65.7	2.21	5.19	6.07	40	0.73	0.078
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Selene Holdings LP**
Suite 410, 700 W. Pender Street
Vancouver BC V6C 1G8 Canada

Project: JP Ross
Report Date: February 21, 2012

QUALITY CONTROL REPORT VAN11004149.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
CAG196412	Sediment	8.5	19.6	0.62	189.6	0.075	1	1.33	0.026	0.14	0.1	3.0	0.06	0.02	10	0.2	<0.02	4.0
REP CAG196412	QC	8.5	20.4	0.61	185.5	0.076	<1	1.32	0.026	0.14	0.2	3.1	0.06	0.02	12	0.2	<0.02	4.0
CAG196435	Sediment	6.8	20.3	0.67	144.0	0.075	<1	0.96	0.008	0.13	0.4	2.2	0.05	<0.02	15	<0.1	<0.02	2.7
REP CAG196435	QC	6.5	19.6	0.66	144.2	0.069	1	0.93	0.007	0.13	0.3	2.1	0.05	<0.02	10	0.1	0.04	2.8
CAG196452	Sediment	10.7	56.6	0.70	365.3	0.077	2	1.41	0.011	0.15	0.1	3.3	0.07	0.04	15	0.4	0.04	4.4
REP CAG196452	QC	10.5	56.7	0.68	343.4	0.074	1	1.33	0.010	0.15	0.1	3.2	0.07	0.03	14	0.4	0.05	4.1
CAG196501	Sediment	5.7	14.1	0.51	82.7	0.052	<1	0.95	0.008	0.07	<0.1	1.9	0.06	<0.02	26	<0.1	<0.02	3.0
REP CAG196501	QC	5.8	14.6	0.50	84.0	0.052	<1	0.94	0.008	0.07	<0.1	1.9	0.05	<0.02	15	<0.1	<0.02	3.1
CAG196518	Sediment	12.2	34.8	0.74	188.2	0.074	<1	1.45	0.011	0.18	0.2	3.1	0.13	<0.02	13	0.2	0.03	4.7
REP CAG196518	QC	12.8	36.1	0.78	201.4	0.079	1	1.51	0.012	0.19	0.1	3.4	0.12	0.02	17	0.2	<0.02	4.9
CAG196537	Sediment	11.3	67.3	0.72	255.8	0.080	<1	1.32	0.010	0.17	0.1	3.1	0.08	0.02	11	0.3	0.05	4.6
REP CAG196537	QC	11.3	63.0	0.68	236.0	0.078	<1	1.24	0.010	0.17	0.2	3.0	0.12	0.02	12	0.3	0.04	4.4
CAG197037	Sediment	11.1	227.8	0.89	155.1	0.099	2	1.27	0.012	0.25	0.1	2.5	0.12	<0.02	55	<0.1	<0.02	4.6
REP CAG197037	QC	11.6	286.6	0.89	157.1	0.103	3	1.27	0.013	0.25	0.1	2.7	0.10	<0.02	18	<0.1	0.02	4.8
CAG197047	Sediment	8.7	36.6	2.05	100.1	0.053	<1	1.66	0.005	0.15	<0.1	3.1	0.10	<0.02	14	<0.1	<0.02	5.3
REP CAG197047	QC	9.8	35.2	1.81	105.1	0.057	<1	1.58	0.006	0.15	0.2	3.1	0.10	<0.02	6	<0.1	0.03	5.3
Reference Materials																		
STD DS8	Standard	15.5	119.7	0.60	269.6	0.112	3	0.91	0.084	0.41	2.8	2.0	5.27	0.16	194	5.4	5.01	4.6
STD DS8	Standard	15.4	118.9	0.60	274.9	0.110	1	0.92	0.088	0.41	3.1	2.3	5.22	0.16	183	4.9	5.10	4.6
STD DS8	Standard	16.1	122.6	0.63	289.5	0.124	4	0.99	0.105	0.43	2.9	2.3	5.14	0.16	205	5.0	4.98	4.5
STD DS8	Standard	15.7	122.8	0.61	243.4	0.118	2	0.95	0.098	0.42	2.9	2.3	5.05	0.16	197	4.9	4.98	4.9
STD DS8	Standard	15.5	120.8	0.60	262.8	0.110	3	0.96	0.107	0.43	3.0	2.3	5.46	0.16	171	5.2	4.91	4.7
STD DS8	Standard	16.1	120.8	0.60	274.2	0.115	2	0.95	0.100	0.42	2.9	2.2	5.37	0.16	192	4.8	4.86	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

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